

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): A. Satoh et al.  
Docket No.: JP920020242US1  
Serial No.: To Be Assigned  
Filing Date: January 21, 2004  
Group: To Be Assigned  
Examiner: To Be Assigned

"Express Mail" Label No. EV327556285US  
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: January 21, 2004

Signature: 

Title: Multiplier and Cipher Circuit

---

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

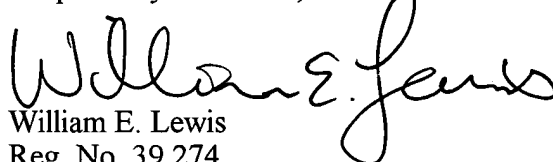
Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants' attorney wishes to bring to the attention of the Patent and Trademark Office the following document listed on the accompanying Form PTO-1449. A copy of the listed document is enclosed.

Other Documents

1. Johann Großschädl, "A Bit-Serial Unified Multiplier Architecture for Finite Fields GF ( $p$ ) and GF ( $2^m$ )," CHES 2001, LNCS 2162, pp. 202-219, 2001.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability, or as a representation that no other material information exists.

Respectfully submitted,



William E. Lewis  
Reg. No. 39,274  
Attorney for Applicant(s)  
Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, NY 11560  
(516) 759-2946

Date: January 21, 2004

**FORM PTO-1449 (MODIFIED)**

Applicant(s): A. Satoh et al.  
Docket No.: JP920020242US1  
Serial No.: To Be Assigned  
Filing Date: January 21, 2004  
Group: To Be Assigned

**LIST OF PUBLICATIONS FOR  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT**

---

**U.S. PATENT DOCUMENTS**

EXAMINER				FILING DATE
INITIAL	DOCUMENT NO.	DATE	NAME	IF APPROPRIATE

---

---

**FOREIGN PATENT DOCUMENTS**

EXAMINER				TRANSLATION	
INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	YES NO

---

---

**OTHER DOCUMENTS**

EXAMINER		
INITIAL	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

---

1. Johann Großschädl, "A Bit-Serial Unified Multiplier Architecture for Finite Fields GF ( $p$ ) and GF ( $2^m$ )," CHES 2001, LNCS 2162, pp. 202-219, 2001.